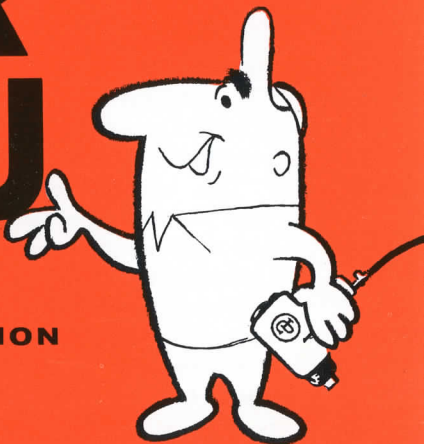


AIR TOOL TIPS FOR YOU

AUTOMOTIVE DIVISION



Chicago Pneumatic
TOOL COMPANY





LET'S TALK *about* **Chicago Pneumatic AIR TOOLS**

When you buy a "Chicago Pneumatic" Air-Wrench, Zip-Gun, Truck Jack, or Bead Breaker, you are buying 50 years of research and development in the air tool field.

The ability of this equipment to cut costs and stay on the job is proved daily by the number of CP emblems that appear in garages, fleet shops, dealerships and specialty shops. CP AIR-TOOLS outnumber all other brands in service.

This booklet contains valuable information to help you keep tool performance at its maximum . . . and maintenance costs at a minimum.

Remember, there is no substitute for a simple preventive maintenance program if you want to be sure of peak, long-lasting tool performance.

Follow the brief operating and maintenance instructions packaged with each tool and use this booklet as a quick reference guide.

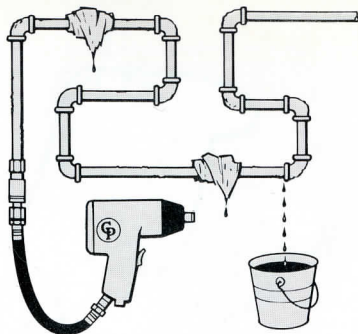
WHOA

THERE

we need **AIR!**

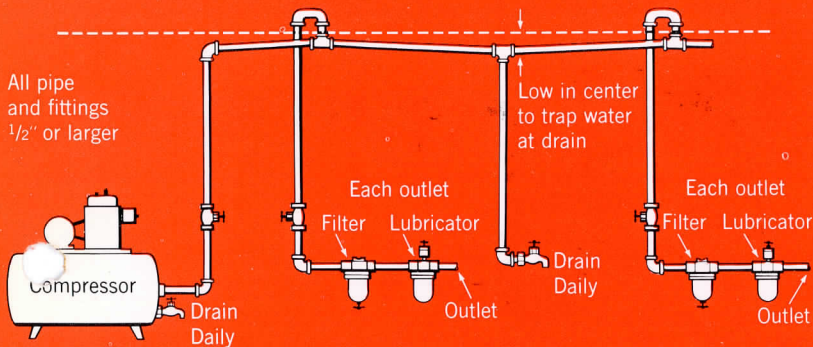
NOT WATER

LET'S START RIGHT!



Your air tool needs a minimum of 90 psi of clean, dry air at the tool for efficient operation. Don't penalize it with restrictions and water saturated air.

Shown below is a simple, dependable air system ...one that will add life and zip to your tools.





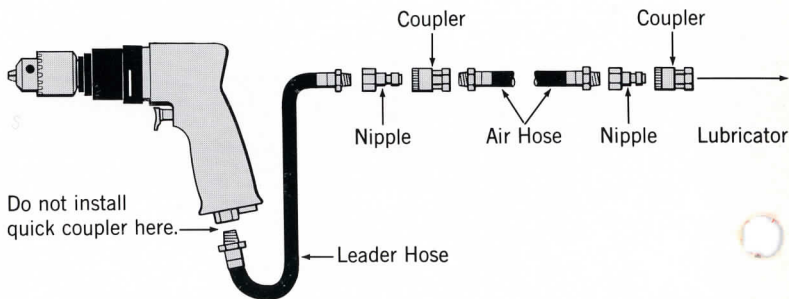
NO!

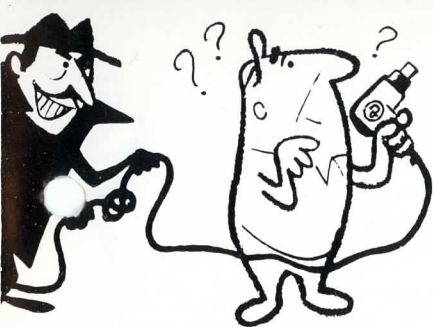
NOT THERE!

Couplers may be used **BUT** not at the air inlet of the tool where they increase overall bulk, put an unnecessary strain on the tool inlet threads and deteriorate rapidly due to vibration.

INSTEAD...

Use the recommended **AIR HOSE** and **COUPLING** Assembly shown in your parts list. A typical setup is shown below.





DON'T STARVE an AIR-TOOL

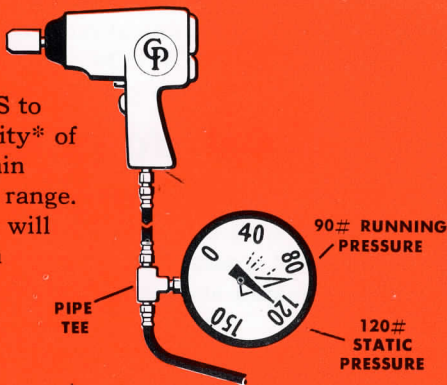
Use recommended Couplers, Nipples, Hoses, Pipe and Fittings. Don't penalize the tool because of a faulty air system. Make sure Air Compressor and air tank are adequate.

The drawing below illustrates a simple test rig you can make up from items readily available in jobber stocks. You can be sure your AIR-TOOLS aren't "air-starved." Restricted air lines or couplings are detected instantly. Disregard static pressure on your gage. It is the running pressure that counts ... and you need 90 p.s.i. *at tool!*

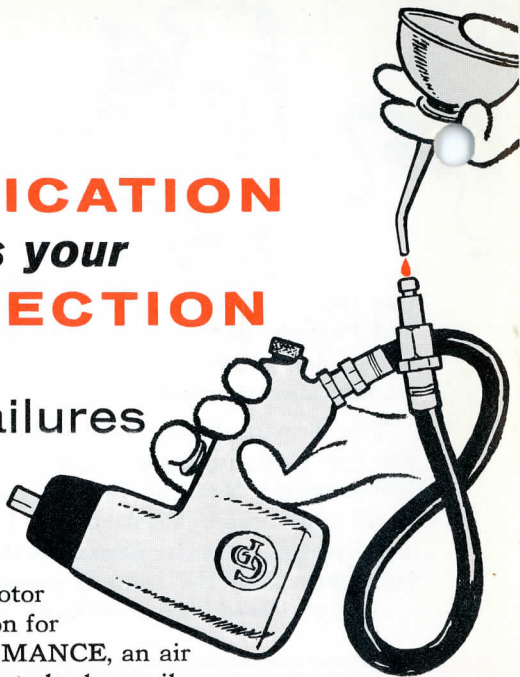
BUT...

never use higher AIR PRESSURES to increase the capacity* of the tool. Stay within the recommended range. **OVERLOADING** will drastically shorten the life of a tool.

*given in bolt diameter



LUBRICATION *is your* **PROTECTION** *against* **Tool Failures**



Just as a car motor needs lubrication for **TOP PERFORMANCE**, an air tool “motor” must also have oil.

Lack of lubrication **TODAY** means costly repairs **TOMORROW!** Oil all **AIR-TOOLS** daily through air inlet with a gum solvent oil.

And don't forget...

The torque converter, or impact unit in an Air-Wrench is the **HEART** of the tool. Make sure it is kept greased or oiled. Check tool instructions for amount and type of lubricant recommended.

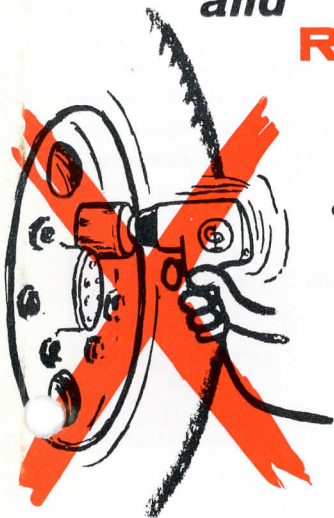
DIRT

results in
INEFFICIENCY and
COSTS you **MONEY**.
Keep all **AIR-TOOLS**
clean! A dirty tool means
power loss, increased
maintenance costs and
unnecessary down-time.
Periodically inspect air
screens . . . lubricate **AIR-TOOLS**
daily . . . maintain
an adequate supply of
CLEAN, DRY air!



and

REMEMBER



**EVERY TOOL HAS
ITS LIMIT!** Your Chicago
Pneumatic **AIR-TOOL** is
designed to give you years of
trouble-free service. Don't
KILL it by using it beyond
its rated capacity. **SOAK
LARGE RUSTED NUTS
WITH PENETRATING
OIL.** If an Air-Wrench does
not loosen a bolt or nut in
3 to 5 seconds use a
larger wrench.



DON'T ABUSE A TOOL!

Never drop or throw it, drag it around by the hose or leave it lying around where a truck might run over it. Help prevent unnecessary repairs caused by abuse and negligence.

Always use CP protector covers and rubber scuff guards on all tools.

HOWEVER...

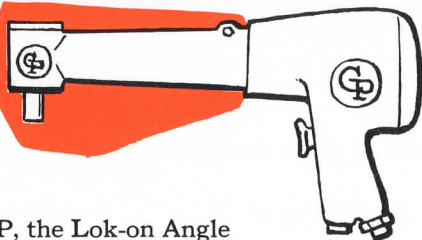
ALL TOOLS WILL NEED SERVICE at sometime or other! When major repairs are needed, don't neglect them. Continued use of a tool in need of repair may cause further damage. Authorized Chicago Pneumatic Automotive Service Stations are maintained for your convenience. Ask your jobber or contact the nearest Chicago Pneumatic District Office for the location of the **STATION** in your Area.

**AUTHORIZED
Chicago Pneumatic
AUTOMOTIVE
SERVICE
STATION**



WE TURN CORNERS EASIER...

**WITH
THIS**



Pioneered by CP, the Lok-on Angle heads clamp rigidly on tool nose, permit one-hand operation and you handle $\frac{1}{3}$ more jobs.

Available for all CP wrenches.

ALSO...

A wide range of power sockets, screw drivers, adapters, extension bars and universal joints designed to meet your every need.

REMEMBER, hand sockets and other accessories do not give good service on impact wrenches.



ZIP-GUN ACCESSORIES? *SURE!*

Cutters, punches, chisels, sets, specials. CP offers a wide range of tools in the .401 "shank size". Tools for cutting . . . ripping . . . bumping . . . shearing . . . scraping . . . punching . . . driving . . . practically everything!

BUT...keep in mind

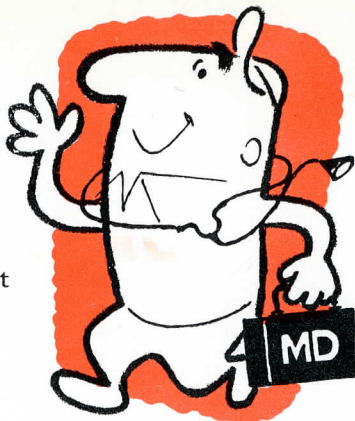
any of these tools can be misused or abused!

ALWAYS

- 1. KEEP CUTTERS SHARP** . . . dull tools are easily broken.
- 2. START TOOLS SLOWLY** . . . turn down power regulator on ZIP-GUN to position tools.
- 3. AVOID** running into hardware, frames, etc. with sheet metal cutting tools.
- 4. STAY WITH THE TOOLS** . . . don't let the tools ride out of the ZIP-GUN.

UNTIL THE DOCTOR COMES

Erratic tool action or loss of power does not always mean that major repair work is needed. In most cases, it is a warning sign indicating lack of preventive maintenance.



CHECK the following immediately:

1. Is the tool getting a sufficient supply of clean, dry air? Check pipes, fittings, hoses, couplers and nipples for possible restrictions. When was the last time the compressor tank was drained?

2. How does the air strainer in the tool look? This strainer is usually located at the air inlet section of the tool. Remove and clean it thoroughly being careful not to lose throttle parts.

3. Has the tool been lubricated lately? Disconnect air, pour some gum solvent oil into the air inlet, connect tool and run. How about the impact unit?

Oil lubricated — fill $\frac{1}{2}$ full of No. 30 oil.

Grease lubricated — coat all parts with a good grade bearing grease.

4. Check Drive Shank, Sockets, Extension Bars, Universals, etc. for excessive wear.



Chicago Pneumatic

TOOL COMPANY

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